

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 02/05216

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q7/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04Q H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 173 186 B1 (DALLEY JAMES EDWARD) 9 January 2001 (2001-01-09) abstract; figures 3,5 column 2, line 60 - line 61 column 7, line 14 - line 29 ----	1-8
Y	JEDAMZIK ET AL.: "Evaluation of HTS Sub-Systems for Cellular Basestations" IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY, vol. 9, no. 2, June 1999 (1999-06), pages 4022-4025, XP002250026 cited in the application the whole document ----- -/--	1-8

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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Date of the actual completion of the international search

4 August 2003

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14/08/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	AU 731 369 B (SAMSUNG ELECTRONICS CO LTD) 29 March 2001 (2001-03-29) page 7, line 10 -page 9, line 8; figures 1-6 ----	1-8, 18-21
Y	US 6 111 857 A (SOLIMAN ET AL.) 29 August 2000 (2000-08-29) abstract; claims 1,4; figures 3-5,9-11 column 12, line 50 -column 14, line 57 ----	1-8, 18-21
A	CHALOUPKA H ET AL: "HTS-technology for UMTS radio base stations" PERSONAL, INDOOR AND MOBILE RADIO COMMUNICATIONS, 1998. THE NINTH IEEE INTERNATIONAL SYMPOSIUM ON BOSTON, MA, USA 8-11 SEPT. 1998, NEW YORK, NY, USA,IEEE, US, 8 September 1998 (1998-09-08), pages 1255-1259, XP010314632 ISBN: 0-7803-4872-9 the whole document ----	9-17
A	US 6 263 215 B1 (MARTIN JERRY LYNN ET AL) 17 July 2001 (2001-07-17) cited in the application abstract; figures 1A-5 column 8, line 48 -column 9, line 19 ----	9-17
A	US 6 112 091 A (BROUWER FRANK BASTIAAN ET AL) 29 August 2000 (2000-08-29) abstract; claim 2; figure 1 column 5, line 20 -column 7, line 1 column 11, line 10 -column 12, line 19 -----	1-8, 18-21

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Information on patent family members

International Application No

PCT/IB 02/05216

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6173186	B1	09-01-2001	NONE	
AU 731369	B	29-03-2001	KR 2000002430 A	15-01-2000
			AU 731369 B2	29-03-2001
			AU 3392999 A	06-01-2000
			US 6553233 B1	22-04-2003
US 6111857	A	29-08-2000	US 5710758 A	20-01-1998
US 6263215	B1	17-07-2001	US 6104934 A	15-08-2000
			US 6205340 B1	20-03-2001
			US 6571110 B1	27-05-2003
			AU 6845196 A	05-03-1997
			WO 9706606 A1	20-02-1997
US 6112091	A	29-08-2000	AU 720107 B2	25-05-2000
			AU 5816996 A	29-11-1996
			CA 2219667 A1	14-11-1996
			DE 69617224 D1	03-01-2002
			DE 69617224 T2	22-08-2002
			WO 9636188 A1	14-11-1996
			EP 0824831 A1	25-02-1998
			ES 2166450 T3	16-04-2002
			JP 11504776 T	27-04-1999